

Product datasheet for TP304969

TPST2 (NM_001008566) Human Recombinant Protein

Product data:

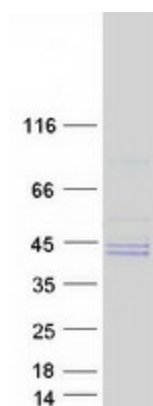
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tyrosylprotein sulfotransferase 2 (TPST2), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204969 protein sequence Red=Cloning site Green=Tags(s)
	<p>MRLSVRRVLLAAGCALVLLAVQLGQQVLECRVLAGLRSPRGAMRPEQEELVMVGTNHVEYRYGKAMPL IFVGGVPRSGTTLMRAMLDHAHPEVRCGEETRIIPRVLAMRQAWSKSGREKRLRDEAGVTDEVLDAAAMQAF ILEVIAKHGEPARVLCNKDPFTLKSSVYLSRLFNSKFLLMVRDGRASVHSMITRKVTIAGFDLSSYRDC LTKWNKAIEMVYAQCMEVGKEKCLPVYYEQLVLHPRRSLKILDFLGIWSDAVLHHEDLIGKPGGVSL KIERSTDQVIKPVNLEALSKWTGHIPGDVVRDMAQIAPMLAQLGYDPYANPPNYGNPDFVINNTQRVLK GDYKTPANLKG YFQVNQNSTSSHLGSS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	41.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_001008566</u>



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Locus ID:	8459
UniProt ID:	O60704 , A0A024R1G9
RefSeq Size:	2018
Cytogenetics:	22q12.1
RefSeq ORF:	1131
Synonyms:	TANGO13B; TPST-2
Summary:	The protein encoded by this gene catalyzes the O-sulfation of tyrosine residues within acidic regions of proteins. The encoded protein is a type II integral membrane protein found in the Golgi body. Alternative splicing produces multiple transcript variants encoding distinct isoforms. [provided by RefSeq, May 2018]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified TPST2 protein (Cat# TP304969). The protein was produced from HEK293T cells transfected with TPST2 cDNA clone (Cat# [RC204969]) using MegaTran 2.0 (Cat# [TT210002]).